

PRE-CRUISE NARRATIVE

<b>Sale Name:</b>	South Corner Aerial	<b>Region:</b>	Northwest
<b>App. #:</b>	30-078825	<b>District:</b>	Cascade
<b>Contact forester:</b>	Aaron Fox	<b>Phone/ Location:</b>	360-691-7844 Getchel W.C.
<b>Alternate contact:</b>	Calvin Ohlson- Kiehn	<b>Phone/ Location:</b>	360-691-7844 Getchel W.C.

UNIT ACREAGES AND METHOD OF DETERMINATION:

Unit #	Legal Descr. Sec/Twp/Rng	Grant	Gross acres	Net acres	Method of acreage determination (compass chain traverse, photo, declination used, etc)	Error of closure
1	16/28/07E	03	22.9	21.9	GPS	NA
2	16/28/07E	03	23.8	21	GPS	NA
3	16/28/07E	03	52.6	50.8	GPS	NA
4	8-9/28/07E	03	16.5	14.6	GPS	NA
5	9/28/07E	03	41.6	40.1	GPS	NA
Total			157.4	148.4		

HARVEST PLAN AND SPECIAL CONDITIONS:

Unit #	Harvest prescription: (mark leave, take, etc)	Special management areas:	Other conditions (# leave trees, etc.)
1	Regeneration Harvest. Marked to leave with blue paint or yellow "Leave Tree Boundary" signs. Blue "Special Management Unit Boundary" tagged trees are take trees.	Property boundary on the south and west sides of the unit marked to take with blue "Special Management Unit Boundary" signs.	<b>183 leave trees</b>  122 in 3 clumps 61 scattered
2	Regeneration Harvest. Marked to leave with blue paint or yellow "Leave Tree Boundary" signs. Blue "Special Management Unit Boundary" tagged trees are take trees. 1.9 acres on west side of Woods Creek Road is an aerial regeneration harvest	Property boundary on the north, east, and south sides of the unit marked to take with blue "Special Management Unit Boundary" signs.	<b>182 leave trees</b>  119 in 4 clumps 63 scattered
3	Aerial Regeneration Harvest. Marked to leave with blue paint or yellow "Leave Tree Boundary" signs. Blue "Special Management Unit Boundary" tagged trees are take trees.	Property boundary on the northern, and eastern edges of the unit marked to take with blue "Special Management Unit Boundary" signs.	<b>421 leave trees</b>  193 in 7 clumps 228 scattered
4	Regeneration Harvest. Marked to leave with blue paint or yellow "Leave Tree Boundary" signs.	None	<b>122 leave trees</b>  103 in 3 clumps 19 scattered
5	Aerial Regeneration Harvest. Marked to leave with blue paint or yellow "Leave Tree Boundary" signs. Blue "Special Management Unit Boundary" tagged trees are take trees.	Property boundary on the south and east sides of the unit marked to take with blue "Special Management Unit Boundary" signs.	<b>333 leave trees</b>  216 in 4 clumps 117 scattered

OTHER PRE-CRUISE INFORMATION:

Unit #	Estimated Volume	Access information (Gates, locks, etc.)
1	1.2 mmbf	<ul style="list-style-type: none"><li>• <b>Net</b> acreage is gross acreage minus leave tree areas and existing road.</li><li>• Located along the WC main line, Bollenbaugh Road, and Woods Creek Road. Access is available via Woods Creek road, and The WC-ML road.</li><li>• GPS points for this unit are flagged in red and white.</li><li>• One DNR gate that requires an F-1-1 key.</li><li>• <b>Driving Directions:</b> Units #2 and #3 of the proposal are located 5.1 miles northeast of Monroe. From Monroe proceed 5.1 miles, taking Woods Creek Road. Unit # 2 is at the intersection of Woods Creek Road and Bollenbaugh Road. Unit # 3 is Northwest of Unit #2 and must be accessed by foot. Access all other units via the Mero Gate to the west. From Monroe proceed 1.9 miles on Woods Creek Road to Wagner Road. Proceed another 1.9 miles to 108<sup>th</sup> and take a left. 108<sup>th</sup> becomes 215<sup>th</sup> after .2 miles. Proceed another .9 miles and take a right turn onto Mero Road. Continue .5 miles to 89<sup>th</sup> and take a right turn. 89<sup>th</sup> dead ends after .2 miles at the Mero Gate. Units #4 and #5 are located 2 miles beyond the gate on the WC-ML forest road. Access to Unit #1 is .7 miles beyond the gate on the WC-04 Road. See vicinity map.</li><li>• See attached acreage calculations.</li><li>• Cedar salvage is not permitted except in Rights-of-Way (ROW) areas.</li><li>• There is no external ROW acreage associated with this sale</li></ul>
2	.8 mmbf	
3	1.7 mmbf	
4	.7 mmbf	
5	2.2 mmbf	

Prepared by:        Aaron Fox

Title:                Pre-sales Forester

CC:

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South Corner Acreage Calculation

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	TOTAL
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GROSS ACRES:	22.9	23.8	52.60	16.50	41.60	= 157.40
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Existing Road Rights-of-Way

Bollenbaugh Road Unit 2		1.10				
TL-ML Unit 4				1.20		

TOTAL EXISTING ROW ACRES:		1.10		1.20		
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Wetland Acres:	0.00	0.00	0.00	0.00	0.00	
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Windthrow Acres:	0.00	0.00	0.00	0.00	0.00	
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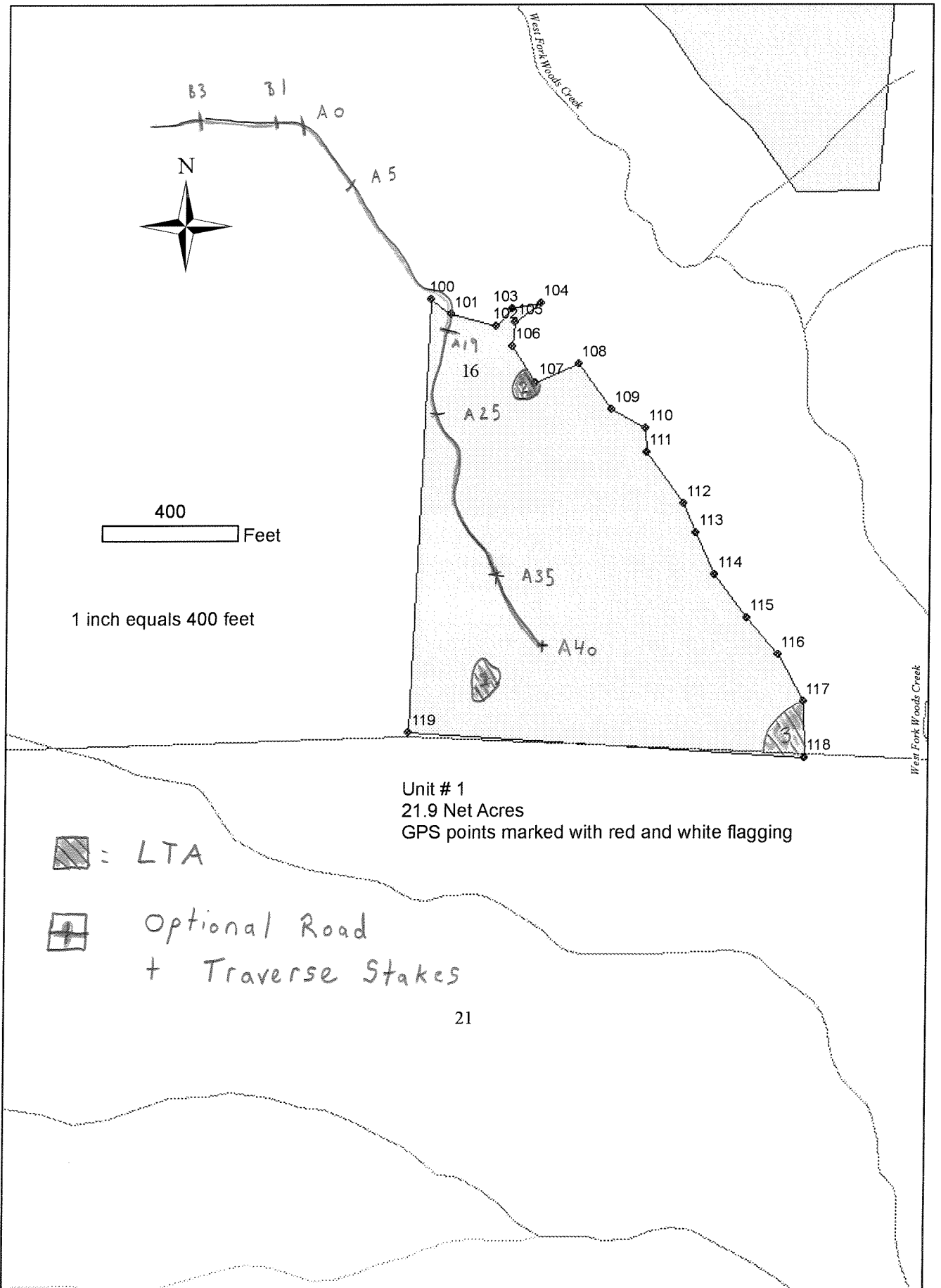
SUBTOTAL (for determining leave trees):	22.90	22.70	52.60	15.30	41.60	= 155.10
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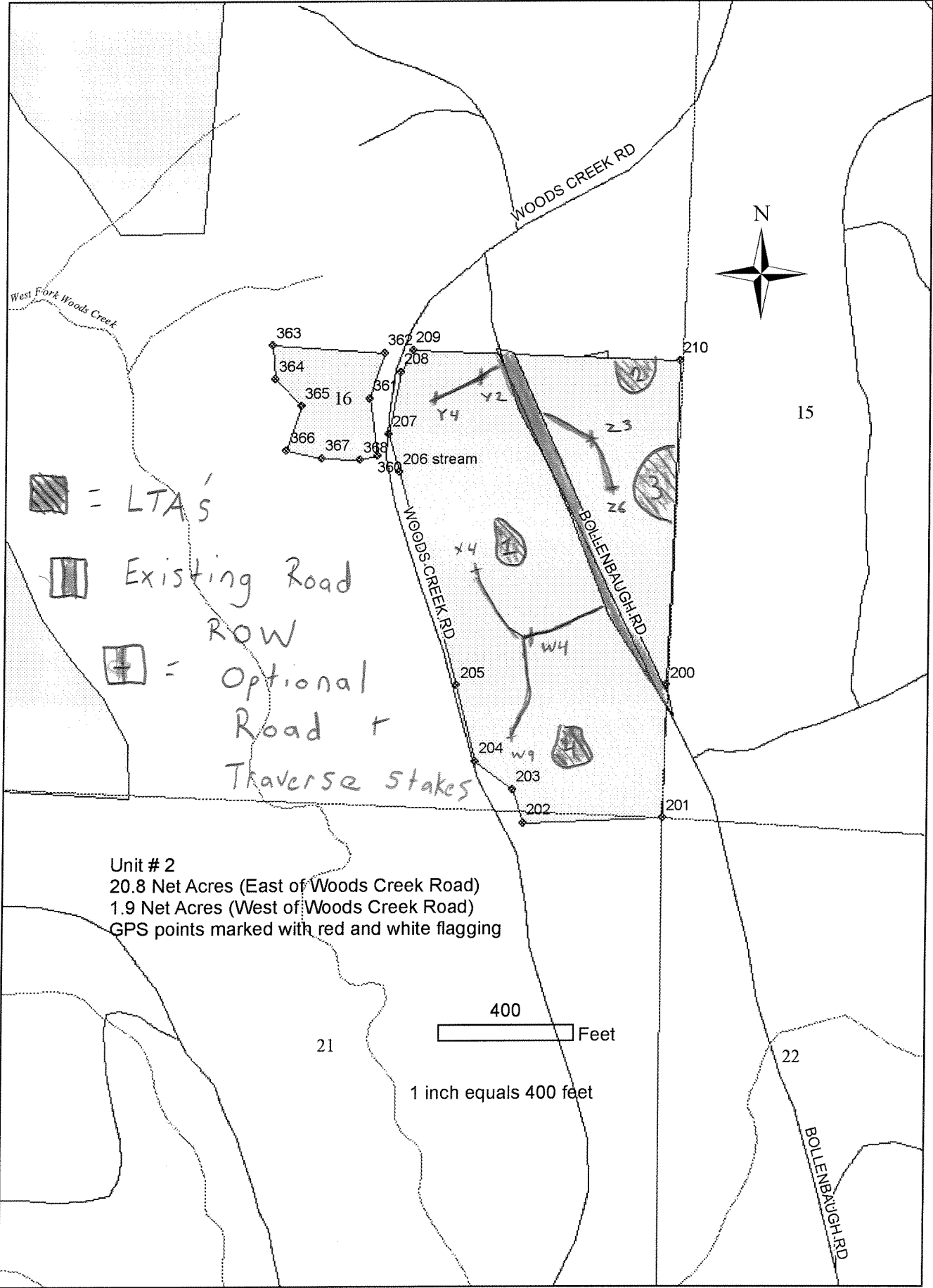
Leave Tree Areas

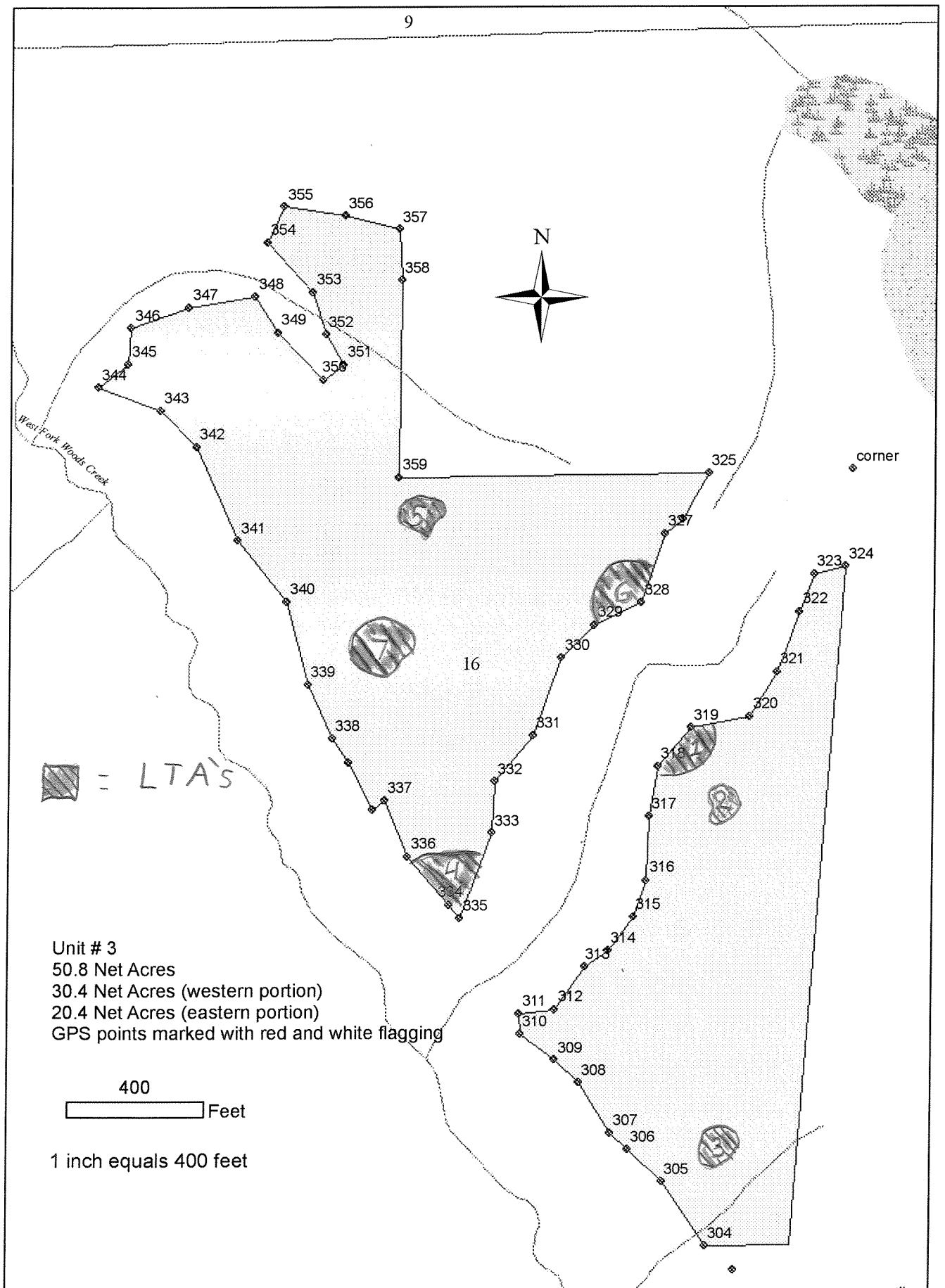
Clump #1	0.4	0.7	0.30	0.10	0.30	
Clump #2	0.1	0.3	0.40	0.30	0.30	
Clump #3	0.5	0.4	0.20	0.30	0.20	
Clump#4		0.3	0.40		0.70	
Clump #5			0.30			
Clump #6			0.10			
Clump #7			0.10			

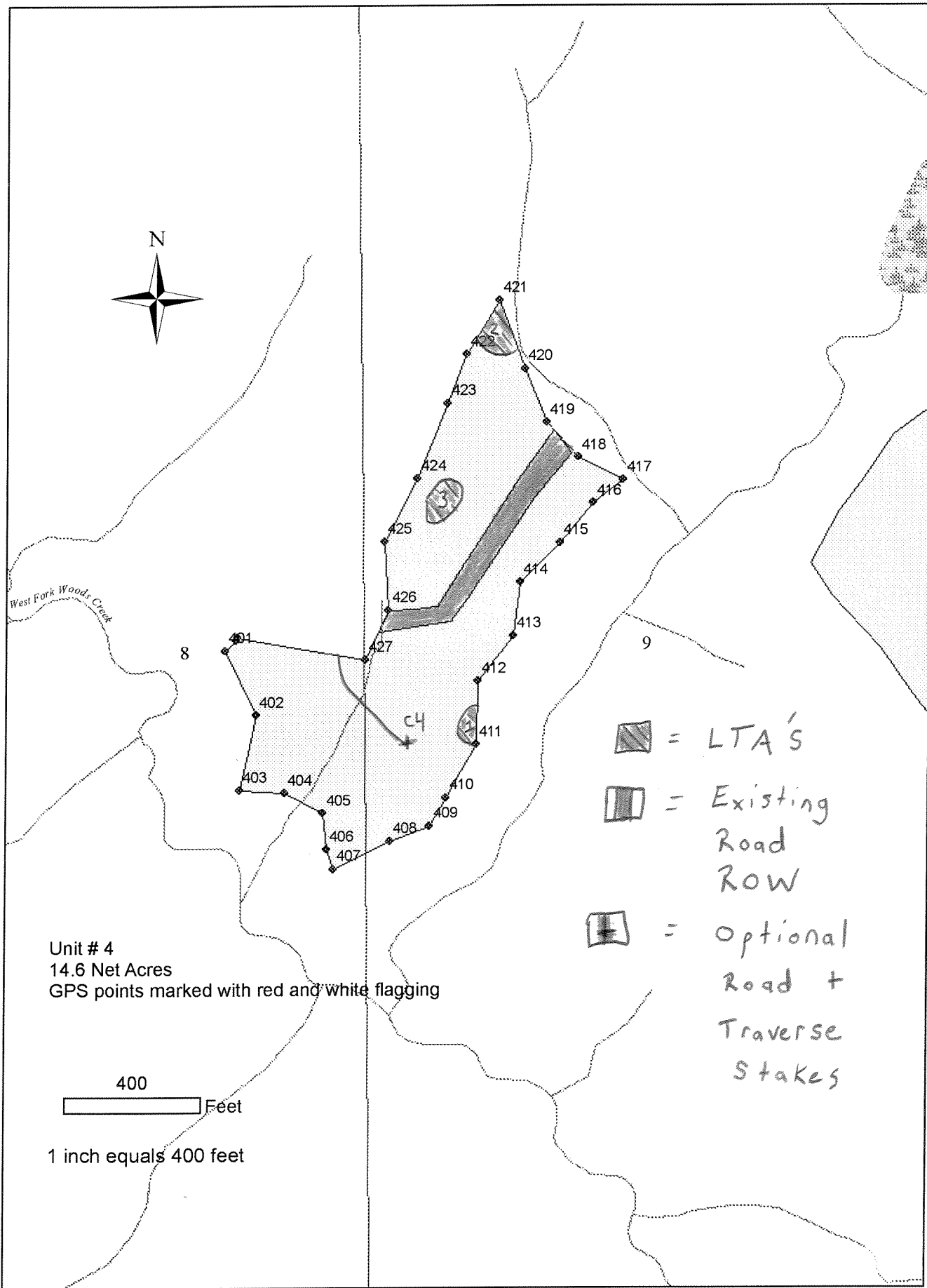
TOTAL LTA ACRES:	1	1.7	1.80	0.70	1.50	
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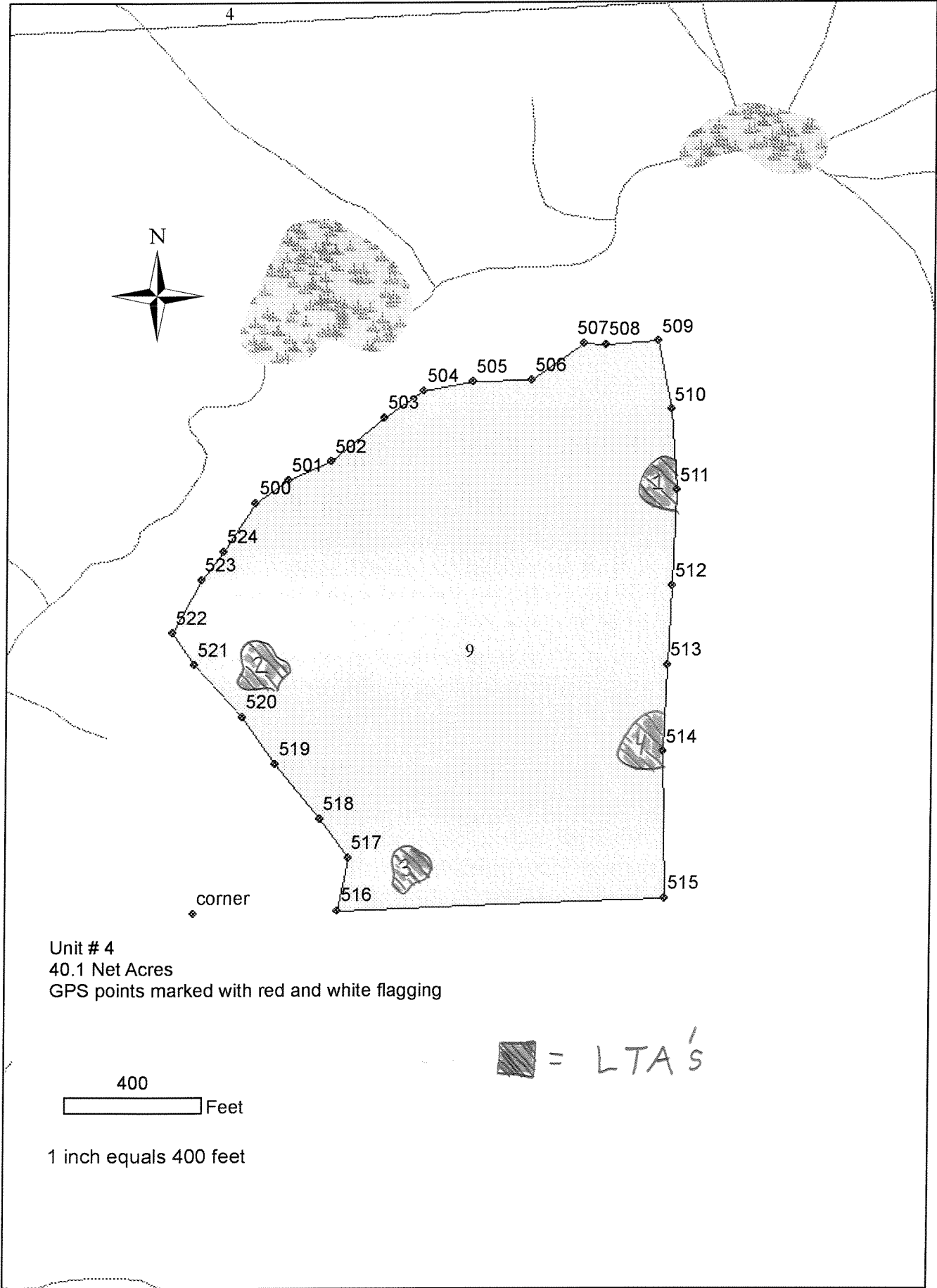
NET ACRES:	21.90	21.00	50.80	14.60	40.10	= 148.40
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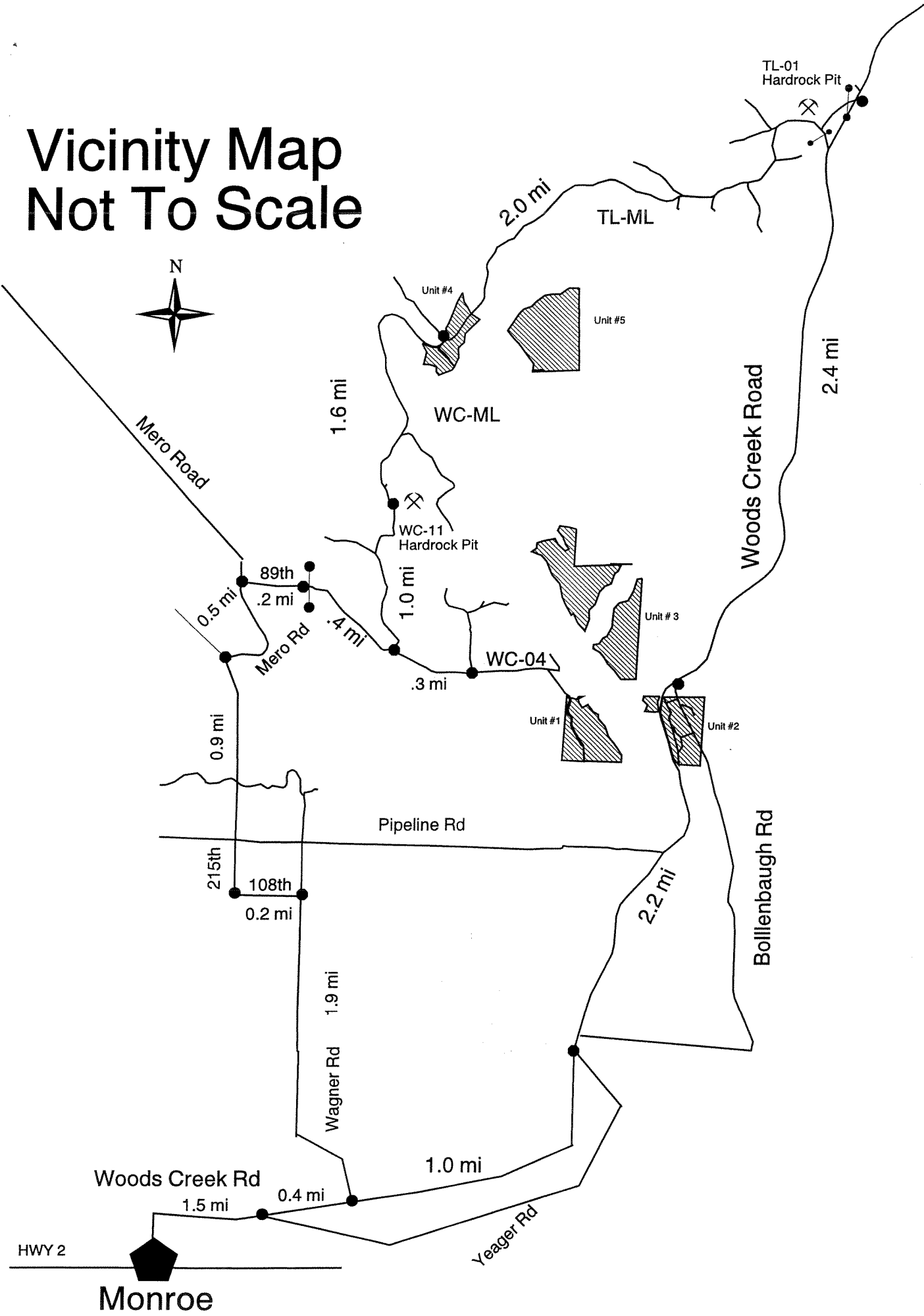








# Vicinity Map Not To Scale



Cruise Narrative

Sale Name:	SOUTH CORNER AERIAL	Region:	NORTHWEST
App. #:	78825	District:	CASCADE
Lead cruiser:	JIM PAST	Completion date:	04/11/06
Other cruisers on sale:	NONE		

Unit acreage specifications:

Unit #	Cruised acres	Cruised acres agree with sale acres? Yes/No	If acres do not agree explain why.
1	21.9	YES	
2	21	YES	
3	50.8	YES	
4	14.6	YES	
5	40.1	YES	
TOTAL	148.4	YES	

Unit cruise specifications:

Unit #	Sample type (VP, FP, ITS,100%)	Expansion factor (BAF, full/half)	Sighting height (4.5 ft, 16 ft.)	Grid size (Plot spacing or % of area)	Plot ratio (cruise: count)	Total number of plots
1	VP	54.45	4.5	400'X200'	1:1	10
2	VP	40.00 54.45	4.5	400'X200'	1:1	10
3	VP	40.00 54.45	4.5	400'X200'	1:1	26
4	VP	40.00	4.5	400'X200'	1:1	8
5	VP	54.45	4.5	400'X200'	1:2	22

Sale/Cruise Description:

Minor species cruise intensity:	USED 40.00 BAF ON RED ALDER ON UNITS 2& 3 TO INCREASE SAMPLE. 54.45 WAS USED ON ALL OTHER SPECIES WITH THE EXCEPTION OF UNIT 4 WHICH 40.00 WAS USED FOR ALL SPECIES.					
Minimum cruise spec:	MINIMUM DBH: 8 INCHES MINIMUM TOP DIAMETER: 5 INCHES OR 40% OF 16' FORM POINT					
Avg ring count by sp:	DF =	9	WH =	9	SS =	
Leave/take tree description:	TAGGED OUT LTA'S WERE DEDUCTED FROM GROSS ACREAGE. SCATTERED LEAVE REES WERE NOT INCLUDED IN PLOT DATA.					
Other conditions	UNIT 3 IS DIVIDED BY RMZ WITH MOSTLY CONIFER TO THE NORTHWEST, AND HARDWOODS PRIMARILY TO THE SOUTHEAST.					

Field observations:

MOST OF SALE IS GENTLE GROUND WITH ACCESS BEING THE ISSUE WITH HELICOPTER YARDING. FOLLOW PROPERTY LINES TO ACCESS NORTHWEST PORTION OF UNIT 3. NO EXTERNAL R/W OR WMZ VOLUME ASSOCIATED WITH SALE
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Grants:        01 =54.2 ACRES\_\_        03=92.6 ACRES\_\_        \_\_\_\_\_

Prepared by:        JIM PAST

Title:                NORTHWEST REGION FOREST CRUISER

**CC:** THERESA KLEPL

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TC		PSPCSTGR Species, Sort Grade - Board Foot Volumes (Project)																		
T28N R07E S08 TyU004 THRU T28N R07E S16 TyU003				Project: SOUTHCOR										Page 1						
				Acres 148.40										Date 6/20/2006 Time 11:42:14AM						
Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent of Net Board Foot Volume								Average Log			Logs Per /Acre
									Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf	
									4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99				
RA		DM2S		34	7.9	1,512	1,393	207			80	20			100		32	204	1.44	6.8
RA		DM3S		23	2.4	904	882	131		73	27				100		32	134	0.90	6.6
RA		DM4S		43	14.5	1,999	1,710	254	23	77			4	16	80		21	30	0.43	56.5
RA		DMUT																	0.00	.5
RA Totals				11	9.7	4,415	3,985	591	10	49	34	7	2	7	91		23	57	0.63	70.4
DF		DMSM		19		3,776	3,776	560				100			100		32	688	3.57	5.5
DF		DM2S		55	.9	11,074	10,970	1,628		3	26	71			100		32	392	2.12	28.0
DF		DM3S		22	1.6	4,378	4,308	639		57	37	6	0	4	95		31	124	0.85	34.8
DF		DM4S		4	19.1	849	687	104	32	66	3		31	39	30		19	23	0.35	30.5
DF Totals				55	1.7	20,077	19,742	2,931	1	16	23	60	1	2	96		28	200	1.34	98.7
WH		DM2S		44	5.5	4,961	4,686	695			64	36			100		32	281	1.70	16.7
WH		DM3S		43	2.0	4,489	4,401	653		78	19	3		2	98		32	102	0.72	43.1
WH		DM4S		13	4.4	1,394	1,332	198	73	27			13	58	29		18	19	0.29	68.4
WH Totals				29	3.9	10,843	10,418	1,546	9	36	37	18	2	8	90		25	81	0.72	128.2
RC		DM3S		66	5.2	937	888	132		27	32	41		2	98		31	165	1.53	5.4
RC		DM4S		34	4.6	469	448	66	53	47			10	48	41		20	28	0.44	16.3
RC Totals				4	5.0	1,407	1,336	198	18	34	21	27	3	17	79		22	62	0.82	21.7
CW		DM1S		73		307	307	46				100			100		32	764	4.23	.4
CW		DM2S		12		51	51	8							100		32	480	2.69	.1
CW		DM4S		15	27.4	83	60	9		16		84			100		29	131	1.47	.5
CW Totals				1	5.1	441	418	62		2		98			100		31	432	2.81	1.0
BM		DM3S		25	8.7	84	77	11			100				100		32	210	1.75	.4
BM		DM4S		75	41.7	389	227	34	68	32			6		94		19	14	0.39	16.2
BM Totals				1	35.8	473	304	45	50	24	25		5		95		19	18	0.44	16.6
Totals					3.9	37,656	36,203	5,373	5	26	28	41	2	5	93		25	108	0.91	336.6

TC PSTATS						PROJECT STATISTICS				PAGE 1		
						PROJECT	SOUTHCOR	DATE 6/20/2006				
TWP	RGE	SC	TRACT	TYPE		ACRES		PLOTS	TREES	CuFt	BdFt	
28N	07E	08	SOUTH CORNER	U004	THRU	148.40		76	290	S	W	
28N	07E	16	SOUTH CORNER	U003								
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES		PERCENT SAMPLE TREES				
TOTAL			76	290	3.8							
CRUISE			35	124	3.5	18,754		.7				
DBH COUNT												
REFOREST												
COUNT			41	166	4.0							
BLANKS												
100 %												
STAND SUMMARY												
			SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR			45	26.4	22.6	110	16	73.8	20,077	19,742	3,661	3,662
WHEMLOCK			36	53.4	14.2	67	12	58.9	10,843	10,418	2,256	2,257
R ALDER			20	25.6	14.5	71		29.6	4,415	3,985	1,013	1,014
WR CEDAR			14	12.4	14.6	47		14.3	1,407	1,336	398	397
BL MAPLE			6	8.3	11.1	50		5.5	473	304	137	137
COTWOOD			3	.3	32.9	95		1.9	441	418	83	83
TOTAL			124	126.4	16.3	74		184.0	37,656	36,203	7,548	7,550
			COEFF	SAMPLE TREES - BF			# OF TREES REQ.			INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR			178.2	16.0	418	498	578					
WHEMLOCK			250.6	22.5	89	115	141					
R ALDER			251.0	22.5	24	31	38					
WR CEDAR			398.7	35.8	24	38	51					
BL MAPLE			724.0	65.0	1	3	5					
COTWOOD			642.3	57.7	14	32	51					
TOTAL			115.9	10.4	643	717	792	538	274	134		
			COEFF	TREES/ACRE			# OF PLOTS REQ.			INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR			144.4	16.6	22	26	31					
WHEMLOCK			136.2	15.6	45	53	62					
R ALDER			149.0	17.1	21	26	30					
WR CEDAR			259.8	29.8	9	12	16					
BL MAPLE			396.9	45.5	5	8	12					
COTWOOD			687.3	78.8	0	0	1					
TOTAL			62.9	7.2	117	126	135	158	81	40		
			COEFF	BASAL AREA/ACRE			# OF PLOTS REQ.			INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR			120.5	13.8	64	74	84					
WHEMLOCK			109.9	12.6	52	59	66					
R ALDER			137.9	15.8	25	30	34					
WR CEDAR			199.1	22.8	11	14	18					
BL MAPLE			376.5	43.2	3	6	8					
COTWOOD			662.0	75.9	0	2	3					
TOTAL			47.9	5.5	174	184	194	92	47	23		
			COEFF	NET BF/ACRE			# OF PLOTS REQ.			INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR			120.3	13.8	17,017	19,742	22,467					
WHEMLOCK			114.4	13.1	9,051	10,418	11,785					
R ALDER			141.3	16.2	3,339	3,985	4,631					
WR CEDAR			210.3	24.1	1,014	1,336	1,658					
BL MAPLE			368.8	42.3	175	304	432					
COTWOOD			668.7	76.7	97	418	739					
TOTAL			61.8	7.1	33,635	36,203	38,771	153	78	38		

Species, Sort Grade - Board Foot Volumes (Type)										Page 1									
Project: SOUTHCOR										Date	6/20/2006								
										Time	11:42:15AM								
T28N R07E S16 TU001										T28N R07E S16 TU001									
Twp	Rge	Sec	Tract	Type	Acre	Plots	Sample Trees	CuFt	BdFt										
28N	07E	16	SOUTH CORNER	U001	21.90	10	21	S	W										
S So Gr T rt ad Spp			% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent Net Board Foot Volume								Average Log			Logs Per /Acre
			Log Scale Dia.					Log Length				Ln Ft	Bd Ft	CF/ Lf					
								</											

TC TSPCSTGR			Species, Sort Grade - Board Foot Volumes (Type)											Page 1					
Project: SOUTHCOR											Date 6/20/2006								
											Time 11:42:15AM								
T28N R07E S16 TU002											T28N R07E S16 TU002								
Twp	Rge	Sec	Tract	Type	Acre	Plots	Sample Trees	CuFt	BdFt										
28N	07E	16	SOUTH CORNER	U002	21.00	10	21	S	W										
S So Gr T rt ad Spp			% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent Net Board Foot Volume								Average Log			Logs Per /Acre
			Log Scale Dia.					Log Length				Ln Ft	Bd Ft	CF/ Lf					

TC		TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)										Page 1								
				Project: SOUTHCOR										Date 6/20/2006								
														Time 11:42:15AM								
T28N R07E S16 TU003												T28N R07E S16 TU003										
Twp	Rge	Sec	Tract	Type	Acre	Plots	Sample Trees	CuFt	BdFt													
28N	07E	16	SOUTH CORNER	U003	50.80	26	40	S	W													
S So Gr T rt ad Spp			% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent Net Board Foot Volume								Average Log			Logs Per /Acre			
			Log Scale Dia.					Log Length				Ln Ft	Bd Ft	CF/ Lf								
RA	DM	2S	31	1.9	2,667	2,616	133	100				100				32	186	1.28	14.1			
RA	DM	3S	28		2,301	2,301	117	81 19		100				32	134	0.88	17.2					
RA	DM	4S	41	4.0	3,499	3,359	171	20	80					7	10	83	21	32	0.41	104.3		
RA	Totals		28	2.3	8,467	8,276	420	8	55	37					3	4	93	24	61	0.61	135.6	
WH	DM	2S	51	4.6	4,119	3,931	200	62 38			100				32	308	1.84	12.7				
WH	DM	3S	38	1.5	2,912	2,867	146	75 25		3 97				32	104	0.75	27.7					
WH	DM	4S	11	16.1	959	805	41	83	17					13	49	38	16	13	0.30	60.2		
WH	Totals		26	4.8	7,990	7,603	386	9	30	41	20					1	6	93	22	76	0.76	100.7
DF	DM	SM	20		2,457	2,457	125	100			100				32	762	3.95	3.2				
DF	DM	2S	68	1.7	8,334	8,192	416	6 94			100				32	712	3.61	11.5				
DF	DM	3S	10		1,208	1,208	61	26	39	34	16 84				29	179	1.45	6.7				
DF	DM	4S	2		161	161	8	67	33	100				13	36	0.62	4.5					
DF	Totals		41	1.2	12,160	12,018	611	4	9	88					1	2	97	28	464	2.83	25.9	
RC	DM	3S	78	9.7	1,097	991	50	45	10	46	100				32	135	1.35	7.3				
RC	DM	4S	22		264	264	13	95	5					25	75		12	13	0.29	19.5		
RC	Totals		4	7.8	1,361	1,254	64	20	36	8	36					5	16	79	18	47	0.82	26.9
Type Totals				2.8	29,979	29,152	1,481	5	26	25	43					2	4	94	23	101	0.92	289.0



TC TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)										Page 1						
Project: SOUTHCOR												Date	6/20/2006					
												Time	11:42:15AM					
T28N R07E S08 TU004												T28N R07E S08 TU004						
Twp	Rge	Sec	Tract	Type	Acre	Plots	Sample Trees	CuFt	BdFt									
28N	07E	08	SOUTH CORNER	U004	14.60	8	17	S	W									
S So Gr T rt ad Spp			% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume							Average Log			Logs Per /Acre
			Def%	Gross	Net	Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf		
WH	DM	2S	66		10,724	10,724	157			34	66			100	32	448	2.42	24.0
WH	DM	3S	32	7.8	5,681	5,236	76			44	56			6 94	32	113	0.90	46.2
WH	DM	4S	2		222	222	3	100					100		9	10	0.29	22.7
WH	Totals		53	2.7	16,627	16,183	236	1	14	41	44	1	2	97	26	174	1.32	92.9
RA	DM	2S	58	11.4	2,542	2,251	33			100				100	32	184	1.39	12.3
RA	DM	3S	24	18.7	1,184	962	14			100				100	32	130	1.09	7.4
RA	DM	4S	18	48.8	1,302	666	10	100						100	20	19	0.56	34.5
RA	DM	UT															0.00	4.9
RA	Totals		13	22.8	5,028	3,880	57		17	83				100	22	66	0.91	59.0
DF	DM	SM	11		798	798	12			100				100	32	610	3.34	1.3
DF	DM	2S	48	1.8	3,361	3,300	48			100				100	32	559	2.92	5.9
DF	DM	3S	33	2.8	2,318	2,253	33		67	33		5		95	31	102	0.76	22.2
DF	DM	4S	8		528	528	8	31	69			38		62	19	27	0.28	19.2
DF	Totals		22	1.8	7,005	6,879	100	2	27	11	60	5		95	26	142	1.03	48.6
RC	DM	3S	92	3.5	3,646	3,518	51		22	18	61			100	32	256	2.08	13.7
RC	DM	4S	8		288	288	4	40	60			35	25	40	22	29	0.51	9.8
RC	Totals		12	3.3	3,934	3,806	56	3	25	16	56	3	2	95	28	162	1.56	23.6
Type Totals				5.7	32,594	30,747	449	2	19	36	43	2	1	97	25	137	1.19	224.0

TC TSPCSTGR			Species, Sort Grade - Board Foot Volumes (Type)											Page 1								
Project: SOUTHCOR											Date 6/20/2006											
											Time 11:42:15AM											
T28N R07E S09 TU005											T28N R07E S09 TU005											
Twp	Rge	Sec	Tract	Type	Acre	Plots	Sample Trees	CuFt	BdFt													
28N	07E	09	SOUTH CORNER	U005	40.10	22	25	S	W													
S T Spp	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume						Average Log			Logs Per /Acre					
			Def%	Gross	Net	Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf						
											4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99				
DF	DM	SM	5		1,573	1,573	63							100		100			32	610	3.19	2.6
DF	DM	2S	59	1.0	18,684	18,503	742				6	37	57			100			32	294	1.69	63.0
DF	DM	3S	31		9,354	9,354	375				71	29				2	98		32	115	0.74	81.4
DF	DM	4S	5		1,537	1,537	62	48	52						22	50	27		21	28	0.32	55.5
DF	Totals		70	.6	31,147	30,966	1,242	2	28	31	39				1	3	96		29	153	1.02	202.5
WH	DM	2S	30	19.6	3,992	3,212	129						100			100			32	171	1.32	18.8
WH	DM	3S	50	2.0	5,298	5,192	208				91	9				100			32	90	0.64	58.0
WH	DM	4S	20	1.7	2,053	2,019	81	49	51						22	36	42		20	26	0.30	77.0
WH	Totals		24	8.1	11,344	10,423	418	10	55	36					4	7	89		26	68	0.61	153.8
RC	DM	4S	100	8.3	968	887	36	27	73							27	73		30	55	0.62	16.1
RC	Totals		2	8.3	968	887	36	27	73							27	73		30	55	0.62	16.1
CW	DM	1S	63		699	699	28						100			100			32	779	4.25	.9
CW	DM	2S	17		188	188	8						100			100			32	480	2.69	.4
CW	DM	4S	20	20.5	279	222	9	16	84							100			31	158	1.49	1.4
CW	Totals		3	4.9	1,166	1,109	44	3	97							100			31	412	2.61	2.7
RA	DM	4S	100		750	750	30	30	70							30	70		20	33	0.35	22.5
RA	Totals		2		750	750	30	30	70							30	70		20	33	0.35	22.5
Type Totals				2.7	45,375	44,136	1,770	5	35	30	30				2	5	93		27	111	0.83	397.6

TC PSPCTLTCM		Species Summary - Trees, Logs, Tons, CCF, MBF								
<div>T28N R07E S08 TyU00414.6 T28N R07E S09 TyU00540.1 T28N R07E S16 TyU00350.8</div>		Project SOUTHCOR Acres148.40			Page No1 Date:6/20/2006 Time11:42:17AM					
Species	Total	Total	Total	Net Cubic Ft/		CF/	Total CCF		Total MBF	
	Trees	Logs	Tons	Tree	Log	LF	Gross	Net	Gross	Net
DOUG FIR	3,916	14,653	15,484	138.76	37.08	1.34	5,433	5,434	2,979	2,930
WHEMLOCK	7,920	19,026	10,712	42.29	17.60	0.72	3,348	3,349	1,609	1,546
R ALDER	3,804	10,454	4,133	39.54	14.39	0.62	1,503	1,504	655	591
WR CEDAR	1,835	3,214	1,388	32.11	18.33	0.82	591	589	209	198
COTWOOD	48	144	303	258.45	86.15	2.85	124	124	65	62
BL MAPLE	1,231	2,461	538	16.55	8.27	0.44	203	204	70	45
Totals	18,754	49,953	32,558	59.74	22.43	0.91	11,201	11,204	5,588	5,373

Wood Type Species	Total	Total	Total	Net Cubic Ft/		CF/	Total CCF		Total MBF	
	Trees	Logs	Tons	Tree	Log	LF	Gross	Net	Gross	Net
C	13,671	36,894	27,585	68.55	25.40	1.00	9,371	9,372	4,797	4,674
H	5,083	13,059	4,973	36.04	14.02	0.62	1,829	1,832	791	699
Totals	18,754	49,953	32,558	59.74	22.43	0.91	11,201	11,204	5,588	5,373

TC TSTATS				STATISTICS				PAGE	1			
				PROJECT	SOUTHCOR			DATE	6/20/2006			
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt			
28N	07E	08	SOUTH CORNER	U004	14.60	8	33	S	W			
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES					
TOTAL			8	33	4.1							
CRUISE			4	17	4.3	1,045	1.6					
DBH COUNT												
REFOREST												
COUNT			4	16	4.0							
BLANKS												
100 %												
STAND SUMMARY												
			SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
WHEMLOCK			4	27.1	21.8	96	12	70.0	16,627	16,183	3,231	3,230
R ALDER			3	19.7	18.1	72		35.0	5,028	3,880	1,186	1,192
DOUG FIR			5	15.0	19.1	90	7	30.0	7,005	6,879	1,306	1,308
WR CEDAR			5	9.8	23.7	69		30.0	3,934	3,806	1,022	1,022
TOTAL			17	71.6	20.6	84		165.0	32,594	30,747	6,745	6,753
			COEFF	SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
WHEMLOCK			219.7	53.3	86	184	282					
R ALDER			223.3	54.2	16	35	54					
DOUG FIR			206.0	50.0	134	267	400					
WR CEDAR			205.5	49.9	78	156	234					
TOTAL			81.7	19.8	516	643	770	267	136	67		
			COEFF	TREES/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
WHEMLOCK			93.7	33.1	18	27	36					
R ALDER			74.5	26.3	14	20	25					
DOUG FIR			153.0	54.1	7	15	23					
WR CEDAR			142.5	50.4	5	10	15					
TOTAL			59.1	20.9	57	72	87	140	71	35		
			COEFF	BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
WHEMLOCK			95.4	33.7	46	70	94					
R ALDER			73.2	25.9	26	35	44					
DOUG FIR			185.2	65.5	10	30	50					
WR CEDAR			138.0	48.8	15	30	45					
TOTAL			54.1	19.1	133	165	197	117	60	29		
			COEFF	NET BF/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
WHEMLOCK			95.5	33.7	10,721	16,183	21,644					
R ALDER			73.8	26.1	2,867	3,880	4,892					
DOUG FIR			200.0	70.7	2,014	6,879	11,744					
WR CEDAR			150.8	53.3	1,776	3,806	5,835					
TOTAL			59.7	21.1	24,255	30,747	37,240	143	73	36		

TC TSTATS				STATISTICS			PAGE 1			
				PROJECT	SOUTHCOR		DATE 6/20/2006			
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
28N	07E	09	SOUTH CORNER	U005	40.10	22	84	S	W	
		PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES				
TOTAL		22	84	3.8						
CRUISE		8	25	3.1	5,277	.5				
DBH COUNT										
REFOREST										
COUNT		14	59	4.2						
BLANKS										
100 %										
STAND SUMMARY										
	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	11	54.2	20.3	113	28	121.3	31,147	30,966	5,964	5,965
WHEMLOCK	10	60.9	14.2	74	13	66.8	11,344	10,423	2,455	2,457
WR CEDAR	1	8.1	15.0	63		9.9	968	887	300	297
R ALDER	1	7.5	11.0	70		5.0	750	750	158	158
COTWOOD	2	.9	31.8	97		5.0	1,166	1,109	220	220
TOTAL	25	131.6	17.0	89		207.9	45,375	44,136	9,098	9,098
SD: 1	COEFF VAR.%	S.E.%	SAMPLE TREES - BF			# OF TREES REQ.		INF. POP.		
			LOW	AVG	HIGH	5	7	10		
DOUG FIR	153.8	30.8	237	342	447					
WHEMLOCK	164.5	32.9	60	89	118					
WR CEDAR	500.0	100.0		4	9					
R ALDER	500.0	100.0		4	8					
COTWOOD	348.6	69.7	30	100	170					
TOTAL	94.3	18.9	438	539	641	355	181	89		
SD: 1	COEFF VAR.%	S.E.%	TREES/ACRE			# OF PLOTS REQ.		INF. POP.		
			LOW	AVG	HIGH	5	7	10		
DOUG FIR	76.6	16.3	45	54	63					
WHEMLOCK	88.5	18.9	49	61	72					
WR CEDAR	217.1	46.3	4	8	12					
R ALDER	323.7	69.0	2	8	13					
COTWOOD	469.0	100.0		1	2					
TOTAL	43.4	9.2	119	132	144	75	38	19		
SD: 1	COEFF VAR.%	S.E.%	BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.		
			LOW	AVG	HIGH	5	7	10		
DOUG FIR	75.8	16.2	102	121	141					
WHEMLOCK	86.9	18.5	54	67	79					
WR CEDAR	217.1	46.3	5	10	14					
R ALDER	323.7	69.0	2	5	8					
COTWOOD	469.0	100.0	0	5	10					
TOTAL	38.5	8.2	191	208	225	59	30	15		
SD: 1	COEFF VAR.%	S.E.%	NET BF/ACRE			# OF PLOTS REQ.		INF. POP.		
			LOW	AVG	HIGH	5	7	10		
DOUG FIR	78.4	16.7	25,791	30,966	36,142					
WHEMLOCK	88.9	18.9	8,448	10,423	12,398					
WR CEDAR	217.1	46.3	477	887	1,298					
R ALDER	323.7	69.0	232	750	1,268					
COTWOOD	469.0	100.0	0	1,109	2,218					
TOTAL	47.4	10.1	39,676	44,136	48,597	90	46	22		

TC TSTATS				STATISTICS				PAGE 1			
				PROJECT	SOUTHCOR			DATE	6/20/2006		
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
28N	07E	16	SOUTH CORNER	U001	21.90	10	39	S	W		
		PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES					
TOTAL		10	39	3.9							
CRUISE		5	21	4.2	3,804	.6					
DBH COUNT											
REFOREST											
COUNT		5	18	3.6							
BLANKS											
100 %											
STAND SUMMARY											
		SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR		14	40.6	21.6	107	23	103.5	29,740	29,198	5,329	5,333
WHEMLOCK		6	123.1	11.7	56	20	92.6	14,977	14,977	3,217	3,217
BL MAPLE		1	10.0	10.0	60		5.4	599	599	138	138
TOTAL		21	173.7	14.6	68		201.5	45,316	44,775	8,684	8,688
		COEFF	SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.		
SD:	1	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR		104.7	22.9	632	819	1,006					
WHEMLOCK		216.0	47.1	33	62	92					
BL MAPLE		458.3	100.0	0	3	6					
TOTAL		90.6	19.8	710	884	1,059	328	167	82		
		COEFF	TREES/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR		141.1	44.6	22	41	59					
WHEMLOCK		82.2	26.0	91	123	155					
BL MAPLE		316.2	100.0	0	10	20					
TOTAL		51.8	16.4	145	174	202	108	55	27		
		COEFF	BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR		109.4	34.6	68	103	139					
WHEMLOCK		83.4	26.4	68	93	117					
BL MAPLE		316.2	100.0	0	5	11					
TOTAL		52.6	16.6	168	201	235	111	56	28		
		COEFF	NET BF/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR		104.4	33.0	19,558	29,198	38,839					
WHEMLOCK		100.0	31.6	10,241	14,977	19,714					
BL MAPLE		316.2	100.0		599	1,198					
TOTAL		66.6	21.1	35,348	44,775	54,202	177	90	44		

TC TSTATS				STATISTICS			PAGE 1				
				PROJECT	SOUTHCOR		DATE 6/20/2006				
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
28N	07E	16	SOUTH CORNER	U002	21.00	10	43	S	W		
		PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES					
TOTAL		10	43	4.3							
CRUISE		5	21	4.2	2,914	.7					
DBH COUNT											
REFOREST											
COUNT		5	22	4.4							
BLANKS											
100 %											
STAND SUMMARY											
		SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR		8	15.0	28.1	102	13	64.7	17,101	16,072	3,038	3,034
R ALDER		2	28.6	15.2	74		36.0	5,787	4,011	1,309	1,307
BL MAPLE		5	48.2	11.3	48		33.4	2,720	1,523	822	825
WHEMLOCK		2	12.4	21.5	101	5	31.2	8,457	8,457	1,565	1,565
WR CEDAR		3	33.9	11.8	37		25.8	2,065	2,065	593	593
COTWOOD		1	.6	36.0	88		4.0	888	838	168	168
TOTAL		21	138.8	16.1	61		195.1	37,018	32,966	7,495	7,492
SD: 1		COEFF VAR.%	S.E.%	SAMPLE TREES - BF			# OF TREES REQ.		INF. POP.		
				LOW	AVG	HIGH	5	7	10		
DOUG FIR		164.8	36.0	456	712	969					
R ALDER		370.2	80.8	4	20	37					
BL MAPLE		344.0	75.1	3	13	23					
WHEMLOCK		389.9	85.1	17	116	215					
WR CEDAR		305.6	66.7	7	22	37					
COTWOOD		458.3	100.0		70	141					
TOTAL		119.2	26.0	707	955	1,204	568	290	142		
SD: 1		COEFF VAR.%	S.E.%	TREES/ACRE			# OF PLOTS REQ.		INF. POP.		
				LOW	AVG	HIGH	5	7	10		
DOUG FIR		146.7	46.4	8	15	22					
R ALDER		136.7	43.2	16	29	41					
BL MAPLE		139.5	44.1	27	48	69					
WHEMLOCK		127.8	40.4	7	12	17					
WR CEDAR		181.6	57.4	14	34	53					
COTWOOD		316.2	100.0	0	1	1					
TOTAL		73.1	23.1	107	139	171	214	109	53		
SD: 1		COEFF VAR.%	S.E.%	BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.		
				LOW	AVG	HIGH	5	7	10		
DOUG FIR		132.4	41.9	38	65	92					
R ALDER		133.0	42.1	21	36	51					
BL MAPLE		125.2	39.6	20	33	47					
WHEMLOCK		119.8	37.9	19	31	43					
WR CEDAR		146.0	46.2	14	26	38					
COTWOOD		316.2	100.0		4	8					
TOTAL		41.4	13.1	170	195	221	69	35	17		
SD: 1		COEFF VAR.%	S.E.%	NET BF/ACRE			# OF PLOTS REQ.		INF. POP.		
				LOW	AVG	HIGH	5	7	10		
DOUG FIR		125.6	39.7	9,688	16,072	22,457					
R ALDER		133.0	42.1	2,323	4,011	5,698					
BL MAPLE		110.1	34.8	993	1,523	2,053					
WHEMLOCK		119.5	37.8	5,261	8,457	11,653					
WR CEDAR		146.2	46.2	1,111	2,065	3,019					
COTWOOD		316.2	100.0	0	838	1,675					
TOTAL		49.2	15.6	27,832	32,966	38,099	97	49	24		

IC TSTATS				STATISTICS				PAGE	1			
				PROJECT	SOUTHCOR			DATE	6/20/2006			
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt			
28N	07E	16	SOUTH CORNER	U003	50.80	26	91	S	W			
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES					
TOTAL			26	91	3.5							
CRUISE			13	40	3.1	5,714	.7					
DBH COUNT												
REFOREST												
COUNT			13	51	3.9							
BLANKS												
100 %												
STAND SUMMARY												
			SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
R ALDER			14	51.5	14.3	70		57.5	8,467	8,276	1,951	1,953
WHEMLOCK			14	41.8	14.3	64	9	46.5	7,990	7,603	1,689	1,691
DOUG FIR			7	6.3	34.0	121	7	39.8	12,160	12,018	2,059	2,059
WR CEDAR			5	12.9	14.4	46		14.7	1,361	1,254	387	387
TOTAL			40	112.5	16.1	68		158.4	29,979	29,152	6,086	6,090
			COEFF	SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
R ALDER			154.0	24.3	52	68	85					
WHEMLOCK			195.1	30.8	90	130	170					
DOUG FIR			239.7	37.9	256	413	570					
WR CEDAR			379.1	59.9	15	37	58					
TOTAL			141.7	22.4	503	648	793	804	410	201		
			COEFF	TREES/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
R ALDER			86.0	16.9	43	51	60					
WHEMLOCK			167.5	32.9	28	42	56					
DOUG FIR			166.7	32.7	4	6	8					
WR CEDAR			235.5	46.2	7	13	19					
TOTAL			61.3	12.0	99	112	126	150	77	38		
			COEFF	BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
R ALDER			76.4	15.0	49	57	66					
WHEMLOCK			144.2	28.3	33	47	60					
DOUG FIR			157.5	30.9	28	40	52					
WR CEDAR			198.2	38.9	9	15	20					
TOTAL			52.2	10.2	142	158	175	109	56	27		
			COEFF	NET BF/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1		VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
R ALDER			78.1	15.3	7,008	8,276	9,544					
WHEMLOCK			148.7	29.2	5,385	7,603	9,821					
DOUG FIR			158.2	31.0	8,289	12,018	15,748					
WR CEDAR			199.5	39.1	764	1,254	1,745					
TOTAL			70.1	13.8	25,142	29,152	33,162	197	100	49		